Part III   System Administrator's Guide

Chapter 11: *Maintaining a UPS Database*

In this chapter we assume that you have **UPS/UPD** installed and that you have a working database and products area. We provide instructions and examples for performing the following functions:

- declaring product instances to a database
- declaring, removing and changing chains
- removing product instances
- verifying the integrity of a product instance
- modifying information in a database file
- determining if a product needs to be updated
- updating a table file or `ups` directory
- retrieving an individual file from a distribution node
- checking product accessibility
- troubleshooting

Chapter 12: *UPS and UPD Pre-install Issues and General Administration*

In this chapter we take a step back with regard to Chapter 11: *Maintaining a UPS Database*, and assume that you have not yet installed **UPS/UPD**, or created a **UPS** database and products area. We guide you through the administrative decisions and tasks that are involved in preparing to implement **UPS/UPD**. Towards the end of the chapter there is also some information regarding general administrative tasks. For machines running AFS or NFS, also see Chapter 13: *Providing Access to AFS Products*.

Chapter 13: *Providing Access to AFS Products*

This chapter describes how to provide access on your local machine to **UPS** products installed in AFS space.

Chapter 14: *Installing UPS and UPD from Bootstrap*

CoreFUE is a bundled product which includes **UPS/UPD** and **perl**. It refers to the core components of the Fermi UNIX Environment (FUE). When we discuss installing **UPS/UPD**, we're generally talking about **coreFUE** since **perl** is a required component. Here we describe how to use automated

scripts to bootstrap **coreFUE**, that is, to install **coreFUE** on a machine on which no prior versions of these products are installed. Several project-specific configurations of **UPS/UPD** are available.

Chapter 15: *Automatic UPS Product Startup and Shutdown*

This chapter covers configuring your system to support automatic startup and shutdown of **UPS** products, and installing individual **UPS** product instances to start and stop automatically.